

3-2-1989

Washington University Record, March 2, 1989

Follow this and additional works at: <http://digitalcommons.wustl.edu/record>

Recommended Citation

"Washington University Record, March 2, 1989" (1989). *Washington University Record*. Book 472.
<http://digitalcommons.wustl.edu/record/472>

This Article is brought to you for free and open access by the Washington University Publications at Digital Commons@Becker. It has been accepted for inclusion in Washington University Record by an authorized administrator of Digital Commons@Becker. For more information, please contact engeszer@wustl.edu.

RECORD

Washington
WASHINGTON UNIVERSITY IN ST. LOUIS

Vol. 13 No. 22/March 2, 1989



The National Theatre of the Deaf, which combines both sign and spoken language, will perform a stage adaptation of the film classic "King of Hearts" at 8 p.m. Thursday and Friday, March 9 and 10, in Edison Theatre.

Music to the eyes

National Theatre of the Deaf to perform 'King of Hearts'

The National Theatre of the Deaf (NTD) will perform a stage adaptation of the film classic "King of Hearts" at 8 p.m. Thursday and Friday, March 9 and 10, in Edison Theatre.

The NTD appearance is part of Edison's "OVATIONS!" series. An offspring of the company, Little Theatre of the Deaf, will give a one-hour Saturday matinee performance at 2 p.m. March 11, as part of Edison's "ovations! for young people" series. (See story on p. 2.)

"King of Hearts," based on a French film by Philippe de Broca released in the United States in 1967, is set near the end of World War I and centers around a soldier, Private Plumpick. Plumpick is ordered to dismantle a time bomb in a French village that has been deserted by everyone except the inhabitants of an insane asylum and a zoo. He discovers that "the gentle insanities of these people are preferable to the horrifying madness of those who persist in lunatic war."

The NTD has a 20-year history of developing works for the stage from other media. Some projects the company has adapted are Gertrude Stein's *Four Saints in Three Acts*, Carson McCullers' novel *The Heart is a Lonely Hunter*, and the *Iliad* epic, which was presented using a football motif under the title "The *Iliad*, Play By Play."

The presentation of "King of Hearts" marks the first time the troupe has adapted a film to their style of performance, which combines both sign and spoken language for drama the audience can both see and hear. The Theatre of the Deaf's performance style has been called "sculpture in the air" by Artistic Director David Hays and "music to the eyes" by the Milwaukee Sentinel.

Hays founded the National Theatre of the Deaf in 1967. As a set and lighting designer, he has won many awards, including two Obies, and has designed more than 50 Broadway sets and more than 30 ballets for the New

York City Ballet under George Balanchine.

The troupe has performed in all 50 states and abroad. In 1984 the troupe was chosen as one of four national theatre companies to represent the United States at the Los Angeles Olympic Arts Festival and in 1986 it was the first Western theatre to tour China. The NTD received a Tony award in 1977 for Theatrical Excellence.

The NTD has performed on "Entertainment Tonight," "MacNeil/

Lehrer NewsHour," "The Dick Cavett Show" and "The Today Show." The company appears regularly on "Sesame Street," and company member Linda Bove is a "resident" of the children's program. NTD's collaborators have included Colleen Dewhurst, Chita Rivera, Jason Robards and Peter Sellars.

Tickets are \$16 for the public; \$12 for Washington University faculty and staff and senior citizens; and \$8 for students. For more information, call 889-6543.

Improving science education is goal of \$1.4 million grant

Washington University is one of 12 higher education institutions to share in a \$1.4 million grant from The Pew Charitable Trusts, Philadelphia, to help bolster undergraduate science education and attract and retain students and faculty in the sciences.

The participating colleges and universities are members of the Mid-States Science and Mathematics Consortium; under terms of the grant, they will collaborate for two-and-a-half years through faculty and student exchanges, seminar programs and sharing of the latest in scientific equipment, among other activities. The grant is part of a national effort by Pew to improve undergraduate science and mathematics education in the United States.

Washington University and the University of Chicago are the two research universities working with the consortium. Participating colleges (in alphabetical order) are Beloit College (Wis.), Carleton College (Minn.), Grinnell College (Iowa), Hope College (Mich.), Kalamazoo College (Mich.), Knox College (Ill.), Macalester College (Minn.), Rhodes College (Tenn.), St. Olaf College (Minn.) and Trinity University (Texas).

Macalester College in St. Paul,

Minn., will coordinate the program, with assistance from an executive committee comprising a representative from each institution.

"We are extremely pleased to be part of this effort to advance science education in the United States," says Provost Edward S. Macias, Ph.D. "Through this program, students and faculty will continue to grow professionally and individual curricula will be strengthened by the input of the consortium. The consortium will be a big boost to the young science professional and the veteran science educator alike."

The institutions in the consortium have developed impressive records of sending their students onto advanced graduate programs in science and mathematics, Macias adds.

The consortium's major goals are to increase the number of students who major in and seek graduate training in mathematics and science; to encourage promising Ph.D. recipients in such fields to choose teaching careers at liberal arts colleges; and to bring new vitality to existing programs.

The programs aim to increase opportunities for students, especially minorities and women, to participate

Continued on p. 4

Supreme Court Justice Brennan to speak here

William J. Brennan Jr., associate justice of the U.S. Supreme Court, will deliver the Tyrrell Williams Memorial Lecture at 11 a.m. Wednesday, March 8, in Graham Chapel.

Brennan's speech, sponsored by the School of Law, is titled "The Criminal Prosecution: Sporting Event or Quest for Truth — Le Renvoi." In his talk, Brennan will reflect on developments in the criminal prosecution field since 1963, when he first delivered the University's Tyrrell Williams Memorial Lecture on the same topic.

Seats will be reserved for Washington University law school faculty and students; limited seating will be available for the St. Louis community.

CIA Director William H. Webster, a Washington University law school alumnus, will introduce Brennan. Webster delivered the Williams lecture in 1985.

Brennan was appointed an associate justice of the New Jersey Supreme Court in 1952, where he was recognized for his role in the nationwide drive to clear up court congestion and delays in litigation. In 1956 he was appointed an associate justice of the Supreme Court by President Dwight D. Eisenhower.

During his more than 30 years on the Supreme Court, Brennan has written key opinions in the areas of reapportionment, First Amendment law and criminal and civil rights. He is highly regarded by legal scholars as a defender of individual freedoms.

One of Brennan's most important opinions was handed down in March 1962 in *Baker v. Carr*, a 6-2 decision which stated that federal courts had the right and duty to try cases involving state legislative apportionment. Overturning a 1946 decision, Brennan's majority opinion ruled that malapportionment was a proper

Continued on p. 2

U.S. House Speaker Jim Wright to give lecture March 3

Jim Wright, speaker of the U.S. House of Representatives, will present a lecture at 1:30 p.m. Friday, March 3, in Simon Hall auditorium.

The talk, free and open to the public, is co-sponsored by the Assembly Series, Center for the Study of Public Affairs and Department of Political Science.

Wright, who is serving his 17th consecutive term in Congress, was sworn in as speaker of the U.S. House of Representatives on Jan. 6, 1987. He is the author of major legislation in the fields of foreign affairs, economic development, water conservation, education and energy. Before becoming speaker, Wright served 10 years as majority leader.

Wright was elected to the Texas legislature at 23. At 26 he became the youngest mayor in Texas, in his hometown of Weatherford. He was president of the Texas League of Municipalities in 1953.

Wright is author of four books: *Reflections of a Public Man*, *You and Your Congressman*, *The Coming Water Famine* and *Of Swords and Plowshares*. He collaborated with colleagues on a fifth book, *Congress and Conscience*, and has written articles for several major magazines and newspapers.

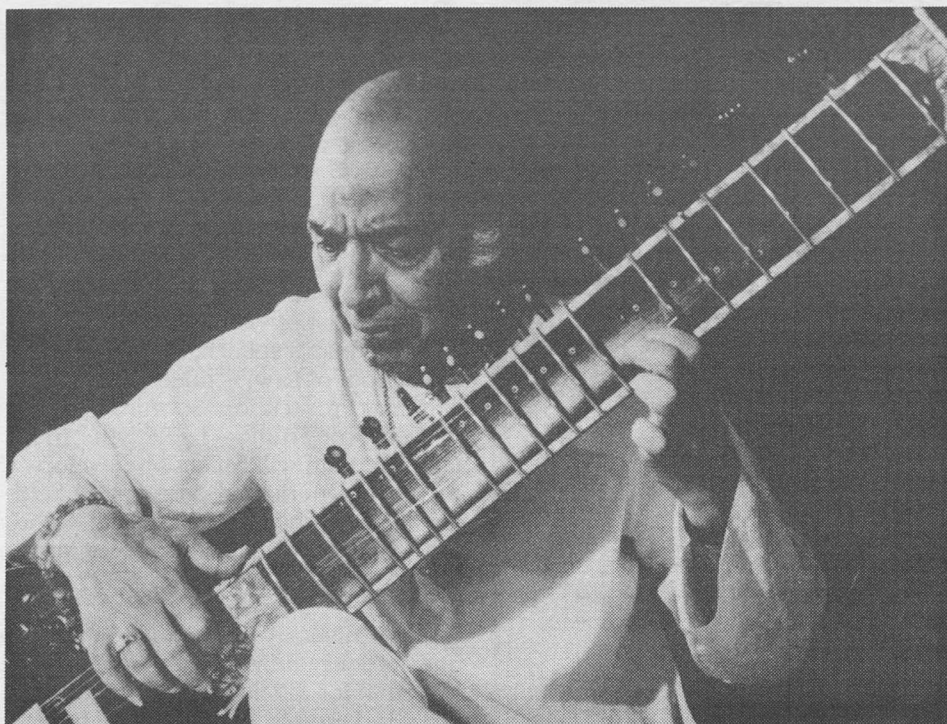
For information, call 889-5285.

Property of Washington University
Medical Library

APR 18 '89

ARCHIVES

Indexed



Sitarist Vilayat Khan, who has been called "a genius ... one of the handful of the world's great musicians," will perform at 7:30 p.m. Friday, March 10, in The Sheldon, 3648 Washington Ave.

'Greatest living master of the sitar' will play Indian music in debut visit

Vilayat Khan, described as "the greatest living master of the sitar" by the newspaper *Le Monde de la Musique* of Paris, will make his first St. Louis appearance at 7:30 p.m. Friday, March 10, in The Sheldon, 3648 Washington Ave.

He will be accompanied by Kashinath Mishra on a tabla. The sitar is a lute-like instrument native to India; the tabla is a set of two small drums played with the hands.

The concert is co-sponsored by Washington University's Department of Music; Sangeetha, a St. Louis-based Indian music society; and the Mahatma Gandhi Center.

The late Andres Segovia, a world-renowned classical guitarist, considered Khan "a genius ... one of the handful of the world's great musicians."

Khan comes from a family of musicians. His father, Enayet Khan, also was an acclaimed sitar player, and his maternal grandfather was the

singer Bande Hasan Khan. Khan gave his first public performance at the age of six and has toured China, Africa, Afghanistan, Nepal, Europe, the Soviet Union and the United States.

Khan's 1981 all-night concert held by the British Broadcasting Corp. at the Royal Albert Hall in London was sold out. The *Times* of London wrote of that concert, "Vilayat Khan's special skill at producing 'vocal' nuances, by pulling the sitar string across the fret, made an exquisite phantasmagoria of sound-shapes, of curls, waves and dying falls."

Joseph McLellan of The Washington Post writes, "Vilayat makes his instrument sing with the eloquence of a human voice, trembling on the brink of words. He also makes it produce musical sparks like a fireworks display."

Tickets are \$12; \$6 for all students with identification. For more information, call the music department at 889-5581.

Theatre course in London is offered

The Performing Arts Department is sponsoring a summer program in London from May 22-June 22, 1989. The course, "Summer Theatre in London," will cover English theatre from both the literary and performance aspects.

Henry Schvey, Ph.D., chairman of the department, and Ann Marie Costa, artist-in-residence in drama, will be the program instructors. Students can earn six 300-level university credits in drama for the course.

Total cost of the one-month program is \$2,800 and includes: roundtrip airfare from St. Louis to London; two days and nights at

Stratford-upon-Avon with three performances; two performances by the Royal Shakespeare Company; a workshop and performance by the National Theatre of Great Britain; a workshop and lecture tour of the Old Globe Theatre; seven additional performances to be determined; lodging; breakfast; and weekday dinners.

Registration is open to Washington University students, but space is limited. Interested students must register by March 8 and a \$250 non-refundable deposit is required.

For more information, call Stephen Duncan at 889-5858.

Brennan — *continued from p. 1*

subject of judicial consideration and presented a justifiable cause of action.

The decision launched a comprehensive process of reapportionment of state legislative and congressional districts, increasing the representation of cities at the expense of rural areas.

Brennan also has written several major First Amendment opinions. Speaking for a unanimous court in March 1964, he expanded the freedom of the press in *New York Times v. Sullivan*, stating that a public official could not recover damages for a

defamatory falsehood relating to his official conduct unless he proved the statement was made with "actual malice." Later that year, Brennan extended this ruling to cover cases of criminal as well as civil libel.

The Tyrrell Williams Lectureship was established in 1948 by the family and friends of the late Tyrrell Williams, a member of the Washington University law school faculty from 1913 to 1946. He also served as the law school's acting dean.

For information, call 889-6400.

'Most rewarding kids' show in town'

Little Theatre of the Deaf to stage fairy tale using oral, sign language

The Little Theatre of the Deaf (LTD) will give the third and final performance in this season's "ovations! for young people" series at 2 p.m. Saturday, March 11, in Edison Theatre.

The LTD is an offspring of National Theatre of the Deaf (NTD), which is appearing as part of Edison's "OVATIONS!" series at 8 p.m. Thursday and Friday, March 9 and 10.

The LTD, described by The New York Times as "the most rewarding kids' show in town," will perform "The Light Princess," a fairy tale by George D. MacDonald and directed by NTD member Adrian Blue.

The princess in the story is cursed by her evil aunt and must live without gravity, emotions or any serious thought, floating aimlessly across the countryside. Gradually the princess learns to feel compassion and thus is able to rescue her kingdom from her cruel aunt, restoring it to its rightful

place "at the heart of the rainbow."

In addition to "The Light Princess," the troupe will perform "Your Game," in which the audience is invited to suggest topics or objects for the troupe to act out on stage.

The LTD, like its parent company, is renowned for its unusual type of entertainment that combines sign language, spoken language and movement so that audiences, both hearing and deaf, can see as well as hear every word.

The New York Daily News says of the LTD, "It's hard to imagine a better way to introduce kids to what the theatre can be."

LTD has toured throughout the United States and Europe and in 1986 toured India, Nepal, Hong Kong and China.

All tickets are \$7. For more information, call 889-6543.

Men's basketball team has shot at national championship title

For the third consecutive year, the men's basketball team has received a bid to the National Collegiate Athletic Association Division III tournament, which gets under way for the Bears on Friday, March 3.

The 19-7 Bears, seeded third in the NCAA South Regional, battle Rust College (21-3) in a semifinal game to be played at Centre College in Danville, Ky. The other semifinal pits the host Centre (21-5) against the winner of fourth-seeded Rose-Hulman Institute (18-7) and fifth-seeded Christopher Newport College (17-11). Rose-Hulman and Christopher Newport play their first round game on Tuesday, Feb. 28.

The Bears, the defending South Regional champions, need two

victories this weekend to capture the regional championship title. The Bears would then host a quarterfinal game on Saturday, March 11.

After losing four starters from last year's 22-7 squad, the Bears were considered to be in a transition season. However, consistent performances along with stellar defense have provided the Red and Green with another shot at a national championship.

The women's team, finishing the season with a 65-60 win over the University of Chicago on Feb. 25, did not receive a bid to the NCAA national tournament. The Bears, closing the season at 19-6 overall and 9-3 in the UAA, shared the conference title with New York University and Chicago.

Architecture lecture series continues

The School of Architecture will present the second and third lectures in its Monday Night Lecture series.

On Thursday, March 2, Diane Ghirardo, professor of architectural history at the University of Southern California, will deliver a lecture titled "Misshapen Chaos of Well Meaning Form." Rafael Moneo, the Spanish-born architect and chairman of Harvard University's Graduate School of Design, will deliver a lecture on Monday, March 6. Both talks will be at 8 p.m. in Steinberg Hall auditorium.

Ghirardo has published articles in both English and Italian, including historical critiques of Fascist architecture. Her writing focuses on the "politics of building: who builds what, where, for whom, at what price," she says. In her writing, Ghirardo also urges architects to address social issues rather than just aesthetics in their designs.

Moneo graduated in 1961 from the Escuela de Arquitectura de Madrid. He is a former student of Francisco Javier Saenz de Oiza, who has been called "the most brilliant architectural talent in Spain in the last 25 years."

Chairman of Harvard University's Graduate School of Design since 1985, Moneo also is an active architect. His works have been praised for "entering into a dialogue (with the other buildings around it), rather than just being

dictated to."

Both lectures are free and open to the public. For more information, call 889-6200.

RECORD

Editor: Susan Killenberg, 889-5254, Campus Box 1070; P72245SS at WUVMC
Assistant editor: Jill Weber, 889-5235, Campus Box 1070; P72245KM at WUVMC
Editor, Medical Record: Joni Westerhouse, 362-8257, Medical School Campus Box 8065; C72245JW at WUVMC
Contributing writers: Debby Aronson, Debra Bernardo, Joyce Bono, Tony DiMartino, Tony Fitzpatrick, Fran Hooker and Carolyn Sanford
Photographers: Joe Angeles, Tom Heine, David Kilper and Herb Weitman
Record (USPS 600-430; ISSN 0745-2136), Volume 13, Number 22/March 2, 1989. Published weekly during the school year, except school holidays, monthly during June, July and August, by News and Information, Washington University, Box 1070, One Brookings Drive, St. Louis Mo. 63130. Second-class postage paid at St. Louis, Mo.

Address changes and corrections:

Postmaster and non-employees: Send address changes to: Record, Washington University, Box 1070, One Brookings Drive, St. Louis, Mo. 63130.

Hilltop Campus employees: Send to: Personnel Office, Washington University, Box 1184, One Brookings Drive, St. Louis, Mo. 63130.

Medical Campus employees: Send to: Payroll Office, Washington University, Box 8017, 660 S. Euclid, St. Louis, Mo. 63110.

NOTABLES

Paul Amrhein and **Wemara Lichty**, postdoctoral fellows, and **Dean Von Dras**, a graduate student, all members of the Aging and Development Program in the Department of Psychology, presented the results of their research at the annual meeting of the Gerontological Society of America in San Francisco, Calif. Lichty presented two papers: "Aging and the Picture Superiority Effect for Activities" and "The Effects of Cigarette Smoking on Cognitive Processes in the Elderly: An Exploratory Probe." Lichty and Von Dras presented a joint paper titled "Diabetes Control and Depression." Amrhein's paper was on "Age Differences in Self-controlled Motor Plan Preparation."

Roger Chamberlain, a doctoral candidate in computer science, delivered a paper titled "Discrete-Event Simulation on Hypercube Architectures" at the 1988 IEEE International Conference on Computer-Aided Design. The paper, co-authored with **Mark Franklin**, Ph.D., professor of electrical engineering and computer science, was published in the conference proceedings.

Nicholas Dopuch, Ph.D., Hubert C. and Dorothy R. Moog Professor of Accounting, and **Ronald King**, Ph.D., assistant professor of accounting, presented a paper they co-authored at the University of Illinois' Auditing Symposium. The paper, titled "The Use of Experimental Markets in Auditing Research," has been accepted for publication in Auditing: A Journal of Practice and Theory. At the conference on "Accounting and the Theory of the Firm," sponsored by the Journal of Accounting and Economics, Dopuch was a member of a panel on cost systems choice.

Steven G. Krantz, Ph.D., professor of mathematics, was awarded a National Science Foundation grant to conduct a program that will involve undergraduates in scientific research. The program will be held in the summer, beginning in 1989, and will involve students attending universities in the St. Louis area.

Dwight R. Lee, Ph.D., John M. Olin Visiting Professor at the Center for the Study of American Business, gave a talk Feb. 23 during a business and education conference at the Heritage Foundation in Washington, D.C. His talk was titled "U.S. Schools Need a Lesson in Competition." He recently delivered a lecture on "Private Interest Support for Efficiency Enhancing Antitrust Policies" at George Mason University in Fairfax, Va. He will speak on the same topic at Miami University in Ohio on March 3, and at the Public Choice Society meeting, March 16-21, in Orlando, Fla. At the public choice meeting, Lee also will give a lecture titled "Tax Exporting and Runaway Government."

Charles L. Leven, Ph.D., professor of economics, presented a lecture, titled "Industrialism, Post-Industrialism and Megalopolitan Concentration," at the National Institute of Urban Affairs in New Delhi, India. In January he was invited to the European Economic Commission in Brussels to review legislative proposals concerning urban development assistance to be submitted to the European Parliament. Later in the month he served as an outside evaluator of Wayne State University's economics department. He also addressed the Economics Club of Marquette, Mich., on "Post-Industrial Transformation and Changes in How We Will Live and Work."

Morton Pincus, Ph.D., assistant professor of accounting, presented "Legislative History of the Allowance of LIFO for Tax Purposes" at the University of Mississippi Tax History Conference.

Meir J. Rosenblatt, Ph.D., Thomas C. Whitmarsh Visiting Professor of Operations and Manufacturing Management, was invited to present "Issues in Design and Control of Automated Storage/Retrieval Systems" at the NATO Advanced Research Workshop on Information Technologies for Industrial Material Flow Systems in Grenoble, France. At the meeting in Paris of The Institute of Management Science/Operations Research Society of America, he presented a paper co-written with **Dean H. Kropp**, Ph.D., Dan Broida Professor of Operations and Manufacturing Management. Rosenblatt was named to the 1987 Dean's List of Excellence in Teaching at the Technion (Israel) faculty of industrial engineering and management.

John Stefanos, Washington University Bear's strong safety, has been named to the College Division GTE Academic All-America second team by the College Sports Information Directors of America. A civil engineering major, Stefanos carries a perfect 4.0 grade point average. A player must be a starter or a key reserve and carry a minimum cumulative grade point average of 3.2 on a 4.0 scale to be nominated. The College Division consists of football players from NCAA Divisions II and III and NAIA.

Anatoly Vishevsky, Ph.D., assistant professor of Russian, presented a paper titled "Evgenii Zamiatin's *The Cave* and Leonid Leonov's *The End of a Petty Man*: Two Views of the End of the World" at the annual meeting of the American Association for the Advancement of Slavic Studies held in Honolulu. He presented a paper, titled "Peculiarities of Humor in Contemporary Soviet Literary Culture," at the annual meeting of the American Association of Teachers of Slavic and East European Languages, held in Washington, D.C. He also chaired a panel on "The Fantastic and Supernatural in Russian Literature" at the conference.

Guido Weiss, Ph.D., Elinor Anheuser Professor of Mathematics, will be the principal speaker at the National Science Foundation-supported CBMS conference on "Harmonic Analysis and Real Function Spaces." Weiss will deliver 10 lectures at the conference, which will be held July 3-7 at Auburn University.

Gene M. Zafft, LL.M., associate professor of law in the graduate tax program, delivered a talk to the Missouri Association of Tax Practitioners as part of the association's annual program. The subject of his talk was "The Use of Life Insurance in Estate Planning."

Have you done something noteworthy?

Have you: Presented a paper? Won an award? Been named to a committee or elected an officer of a professional organization? The Washington University Record will help spread the good news. Contributions regarding faculty and staff scholarly or professional activities are gladly accepted and encouraged. Send a brief note with your full name, highest-earned degree, current title and department along with a description of your noteworthy activity to Notables, Campus Box 1070, or by electronic mail to p72245SS at WUVMC. Please include a phone number.

Arts and Education fund drive under way

"Hats Off for the Arts" is the theme of the 1989 Arts and Education Council fund drive to raise \$2.5 million to help support artistic and educational programs in the greater St. Louis area. "Washington University's participation in this effort is key to its success," said Chancellor William H. Danforth, "particularly in helping to achieve the hoped-for \$92,000 amount from the education sector."

Danforth noted that the University community has always given generously to support the Arts and Education fund drive. "It is a way of ensuring the vitality of cultural opportunities available to us here in St. Louis," Danforth said.

In addition to providing grant support for a number of departments and programs at Washington, the money from the campaign will provide operating capital for the Craft Alliance Education Center, Dance Saint Louis, KETC/Channel 9, Mark Twain Summer Institute, Opera Theatre of Saint Louis, The Repertory Theatre of St. Louis, The

Saint Louis Conservatory and Schools for the Arts, and the St. Louis Chapter of Young Audiences Inc.

Grant money to the council's 142 member organizations like Washington University comes from the CAMELOT/Special Projects Fund, which is supported by the campaign.

"The arts inspire, instruct and entertain," said Ray Morris, chairman of the drive. "They also create jobs, generate revenue and contribute significantly to the local economy. It's up to us to support them." Morris is chairman, president and CEO of Pet Inc.

Southwest Bank, Target Stores and Wetterau Inc. have pledged their support by offering to match new and increased contributions of \$50 or more on a two-for-one basis, up to specified limits. These matching grants will increase the value of contributions seven times.

Pledge cards will be distributed to employees in early March. For more information on the fund drive, call 367-6330.

Conducting business in 1992 Europe is topic of seminar featuring experts

The economic climate for Americans conducting business in 1992 Europe is the topic for a daylong seminar beginning at 8 a.m. Thursday, March 2, in Piper Lounge, Simon Hall. The event features presentations by leading experts in the European investment field.

The seminar, titled "1992: The European Challenge — Opportunities and Risks for American Business," is sponsored by the University's International Affairs and Western European Studies programs. It is designed for individuals involved in investment or study in Europe.

The speakers and their topics follow: Richard A. Onians, chief executive officer, Baring Brothers Hambrecht and Quist, United Kingdom, "Europe in Confluence"; Alessandro Lombardi, director of the international department of the Banca Antoniana, Padova, Italy, "Banking in Western Europe: Future Opportunities"; John Gillingham, professor of history, University of Missouri-St.

Louis, "The European Integration Process"; John Reed, partner, international tax, Peat Marwick Main & Co., "European Corporations' Plans for 1992";

Louis-Francois Duchene, consultant, Commission of the European Community, "Europe in 1992: Hopes and Worries"; Charles L. Leven, Ph.D., professor of economics, Washington University, "A New Role for the European Community in International Markets"; William Schofield, foreign service officer, Bureau of Economics Affairs, U.S. Department of State, "A European Single Market: Perspectives and Implications"; and Paul Michael Lutzeler, Ph.D., professor of German and comparative literature and director, Western European Studies Program, Washington University, "Economic Uniformity/Cultural Plurality."

The fee for the public seminar is \$200, which includes a luncheon, Faculty Club reception and all materials. To register, call 889-6727.

Grants available for scientific research

The Washington University chapter of Sigma Xi, the Scientific Research Society, is offering a limited number of grants in aid of research to Washington University undergraduate students. The awards are based on the merit of the proposed research and usually amount to \$200 to \$300.

Research proposals should be submitted no later than March 10.

Sigma Xi is also accepting nominations for membership based on

research achievement or potential in the pure and applied sciences. Faculty members, post-doctoral and research associates, doctoral candidates and students in all pure and applied sciences are eligible.

The deadline for nomination is March 20. For more information or application forms for either grants or nomination, please contact Professor Babu Joseph at 889-6076 or by Campus Box 1198.

NEWSMAKERS

Washington University faculty and staff make news around the globe. Following is a digest of media coverage they have received during recent weeks for their scholarly activities, research and general expertise.

Is silence really golden? Complete silence is the one "sound" humans cannot tolerate, says an article in the Jan. 3 *Orlando Sentinel*. Barbara A. Bohne, Ph.D., professor of otolaryngology, is quoted in the story.

Will anabolic steroids become obsolete? According to Anthony Delitto, instructor in physical therapy, electrical muscle stimulation could make athletes' use of steroids unnecessary. Delitto's comments have appeared in the *Miami Herald*, *Los Angeles Daily News*, *New York Daily News*, *Chicago Tribune*, *Pittsburgh Post-Gazette*, *Baltimore Morning Sun* and *Boston Herald* during the past two months.

CALENDAR

March 2-11

LECTURES

Thursday, March 2

1-3:30 p.m. George Warren Brown School of Social Work Mental Health Forum.

Panelists: Barbara Neudecker, clinical therapist, Family and Personal Support Center; Jennifer Shifrin, exec. dir., Alliance for the Mentally Ill; Gwen Moore, asst. to the dir., NASCO; Mildred Cooperman, Malcolm Bliss Mental Health Center; Bernice Thompson, dir., King-Fanon Community Mental Health Center. Brown Hall Lounge. For more info., call 889-6606.

2:30 p.m. Dept. of Mechanical Engineering Colloquium, "A Non-intrusive Visualization and Quantification Method for Flow in Bearings," M. J. Braun, assoc. prof. of mechanical engineering, U. of Akron. 100 Cupples II.

4 p.m. Dept. of Earth and Planetary Sciences Seminar, "Structure and Dynamics of Spreading Centers," E. Marc Parmentier, assoc. prof., Brown U., Providence, R.I. 102 Wilson.

4:10 p.m. Dept. of Philosophy and Women's Studies Program Colloquium, "Feminist Challenges to the Philosophy of Science," Sandra Harding, prof. of philosophy, U. of Delaware. Women's Bldg. Lounge.

8 p.m. School of Architecture Lecture Series, "Misshapen Chaos of Well Meaning Form," Diane Ghirardo, prof. of architectural history, U. of Southern California. Steinberg Hall Aud. For more info., call 889-4523.

Friday, March 3

Noon. Dept. of Cell Biology and Physiology Seminar, "Transient and Steady State Na/K Pump Currents in Cardiac Myocytes," David C. Gadsby, Laboratory of Cardiac Physiology, Rockefeller U. 4914 S. Bldg.

1:30 p.m. Assembly Series Lecture. Jim Wright, speaker of the U.S. House of Representatives. Co-sponsored by WU Dept. of Political Science and the Center for the Study of Public Affairs. Simon Hall Aud. For more info., call 889-5285.

3-5:30 p.m. George Warren Brown School of Social Work Gerontology Forum, "Where the Field is Going — Implications for Social Work Training." Panelists: Buz Zeman, director, County Older Resident Program; Kathleen Higley, director, Alzheimer's Disease and Related Disorders Association Inc.; Harriet Woods, president, Institute of Policy Leadership; Elana Spitzberg-Smith, developer, The Gatesworth at One McKnight Place; Loren Richter, vice president for operations, National Benevolent Association; Roz Marx, social worker, Home Health Care Equipment Services Inc.; and Marlyn Mann, exec. dir., OASIS. Brown Hall Lounge. For reservations or more info., call 889-6602.

4 p.m. MSTP-PGMSTP Seminar Series, "Enzymology of Intracellular Protein Transport," James E. Rothman, prof., Dept. of Biology, Princeton U. E. Pavilion Aud. (Immediately following his seminar, Rothman will meet with MSTP, PGMSTP and graduate students in the Graduate Student Lounge, 3816 N. Bldg.)

6 and 8:30 p.m. WU Association Travel Lecture Series, "Romances of the West," Allen King, wildlife biologist and naturalist. Graham Chapel. For ticket info., call 889-5122.

8 p.m. Gallery of Art Lecture, "Eliot Porter," Beaumont Newhall and David Scheinbaum, historians of photography. Steinberg Hall Aud. For more info., call 889-4523.

Saturday, March 4

1:30 p.m. Dept. of Classics Lecture, "The Ancient Silk Road: From Rome to China," Kevin Herbert, WU prof. of classics. Co-sponsored by St. Louis Classical Club. Hurst Lounge, Duncker.

2 p.m. Gallery of Art Lecture. Janet Russek, photographer and art dealer, will comment on the photographs of Eliot Porter. Steinberg Hall, Gallery of Art. For more info., call 889-4523.

Monday, March 6

4 p.m. Dept. of Psychology Colloquium, "Psychosocial Issues in Childhood Diabetes," Annette M. LaGreca, Dept. of Psychology, U. of Miami, Coral Gables, Fla. 102 Eads.

8 p.m. School of Architecture Monday Night Lecture Series. Rafael Moneo, chairman, Dept. of Architecture, Harvard U., Boston, Mass. Steinberg Hall Aud. For info., call 889-6200.

Wednesday, March 8

11 a.m. Assembly Series Lecture, "The Criminal Prosecution: Sporting Event or Quest for Truth — Le Renvoi," William J. Brennan Jr., assoc. justice, U.S. Supreme Court. (Seats will be reserved for WU law school faculty and students; limited seating will be available for the St. Louis community.) Graham Chapel. For more info., call 889-5285.

4 p.m. Dept. of Physics Colloquium, "1/F Noise," Mike Weissman, prof. of physics, U. of Illinois. 204 Crow.

Thursday, March 9

4 p.m. Dept. of Chemistry Seminar, "Global Understanding of Nuclear Deformation Parameters," S. Raman, physics div., Oak Ridge National Lab. 311 McMillen.

6:15 p.m. Dept. of Germanic Languages and Literatures Lecture, "German-Swiss Literature Since 1945: Productive Antagonisms and Conflicting Identities — Cultural, Political, Personal," Michael Boehler, U. of Zurich and WU distinguished visiting prof. Hurst Lounge, Duncker Hall.

Friday, March 10

Noon. Left Forum, "Community Organizing: One Path to Social Change," John Hickey, chief organizer, St. Louis ACORN. Sponsored by Democratic Socialists of America, WU Local. Women's Bldg. Lounge. For more info., call 889-5387.

Noon. Dept. of Cell Biology and Physiology Seminar, "Experimental Analysis of Factors That Control the Shape and Distribution of Membrane Organelles in Cells," John Heuser, prof., WU Dept. of Cell Biology and Physiology. 4914 S. Bldg.

Saturday, March 11

9 a.m. Dept. of Anesthesiology Second Annual C. R. Stephen Lecture, "Archeology of Fluid Balance in Infants, Birds, Sharks and Other Strange Milieus," M. T. Jenkins, prof., Dept. of Anesthesiology, U. of Texas, Southwestern Medical Center at Dallas. Carl V. Moore Aud., 660 S. Euclid.

MUSIC

Sunday, March 5

7 p.m. Dept. of Music Presents WU Wind Ensemble Concert. St. Louis Art Museum Theatre. For info., call 889-5574.

7:30 p.m. Dept. of Music Presents University City Symphony Orchestra Concert, directed by William Schatzkamer. Soloists: Rebecca Boyer, violin; Thomas Morgan, viola. Graham Chapel. For info., call 889-5574.

Monday, March 6

8 p.m. Dept. of Music Presents Cello and Organ Recital, featuring Stephen Balderson, cello; Kathleen Thomerson, organ. Graham Chapel. For info., call 889-5574.

Tuesday, March 7

8 p.m. Dept. of Music Presents a Violin and Piano Recital featuring Juliet and Kathi Kurtzman, and Avner Arad. Steinberg Hall Aud. For info., call 889-5574.

Friday, March 10

7:30 p.m. Dept. of Music Presents a Sitar Concert by Ustad Vilayat Khan, accompanied by Kashinath Mishra on tabla. Co-sponsored by Sangeetha and the Mahatma Gandhi Center. Tickets: general public \$12; students \$6. The Sheldon Theatre, 3648 Washington Ave. For more info., call 889-5581.

8 p.m. Dept. of Music Presents a Faculty Voice Recital, featuring Christine Armistead, soprano; B. J. Clutter, pianist. Graham Chapel. For more info., call 889-5574.

PERFORMANCES

Thursday, March 9

8 p.m. Edison Theatre Presents National Theatre of the Deaf in "King of Hearts." (Also Fri., March 10, same time.) Tickets: general public \$16; senior citizens and WU faculty and staff \$12; students \$8. Edison Theatre. For more info., call 889-6543.

Saturday, March 11

2 p.m. Edison Theatre Presents "ovations! for young people," featuring the Little Theatre of the Deaf. All tickets \$7. Edison Theatre. For more info., call 889-6543.

EXHIBITIONS

"Washington University Permanent Collection." Through June 30. Gallery of Art, Steinberg Hall, lower gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For more info., call 889-4523.

"Eliot Porter," a retrospective of the photographer's 50-year career. Through March 26. Gallery of Art, Steinberg Hall, upper gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For more info., call 889-4523.

"It Figures: The Human Form Photographed." Through March 19. Gallery of Art, Steinberg Hall, lower gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For more info., call 889-4523.

"Read It Again! An Exhibit of Books From the Children's Literature Collection," donated by Henrietta Maizner Hochschild. Through April 20. Olin Library, Special Collections (fifth floor). 8:30 a.m.-5 p.m. weekdays. For more info., call 889-5495.

FILMS

Thursday, March 2

7 and 9 p.m. Filmboard Series, "The Cranes are Flying." \$2. Brown Hall.

Friday, March 3

7 and 9:30 p.m. Filmboard Series, "Betrayed." \$2. Brown Hall. (Also Sat., March 4, same times, and Sun., March 5, at 7 p.m., Brown.)

Midnight. Filmboard Series, "The Song Remains the Same." \$2. Brown Hall. (Also Sat., March 4, same time, and Sun., March 5, at 9:30 p.m., Brown.) On Fri. and Sat., both the 9:30 p.m. and midnight films can be seen for a double feature price of \$3; both Sun. films can be seen for \$3.

Sunday, March 5

7:30 p.m. Hillel Film Series, "Shattered Dreams." Tickets: general public \$2; students \$1. 100 Busch Hall.

Monday, March 6

7 and 9:30 p.m. Filmboard Series, "Mr. Deeds Goes to Town." \$2. Brown Hall. (Also Tues., March 7, same times, Brown.)

Tuesday, March 7

7 p.m. Dept. of Romance Languages and Literatures Spanish Film Series, "The Good Fight." Free. 210 Ridgley.

Wednesday, March 8

7 and 9:30 p.m. Filmboard Series, "Woman of the Dune." \$2. Brown Hall. (Also Thurs., March 9, same times, Brown.)

7 p.m. Dept. of Romance Languages and Literatures French Film Series, "Les Jeux sont faits." Free. 210 Ridgley.

SPORTS

Saturday, March 4

Noon. Baseball, WU vs. U. of Wisconsin-Milwaukee. Kelly Field.

Tuesday, March 7

3:15 p.m. Baseball, WU vs. Parks College. Kelly Field.

Wednesday, March 8

12:30 p.m. Baseball, WU vs. Westminster College (double-header). Kelly Field.

3:30 p.m. Men's Tennis, WU vs. SIUE. Tao Center.

MISCELLANY

Thursday, March 2

8 a.m.-5 p.m. University College International Executive Seminar, "1992: The European Challenge — Opportunities and Risks for American Business." \$200 includes luncheon, Faculty Club reception and all materials. Piper Lounge, Simon Hall. To register or for more info., call 889-6727.

Tuesday, March 7

5:30 p.m. Hillel Discussion, "Challenges for Men in the '90s," Don Conway Long, instructor, WU Women's Studies Program. Wohl Center. For info., call 726-6177.

Wednesday, March 8

5:30 p.m. WU Smoking Clinic Spring Smoking Cessation Program. Sessions continue for eight Wednesdays. \$50. (\$40 is refundable at the end of the program.) Sponsored by the American Lung Association and the Mo. Dept. of Health. 115 Eads Hall. For more info., call 889-6527.

Calendar Deadline

The deadline to submit items for March 23-April 1 calendar of the Washington University Record is March 10. Items must be typed and state time, date, place, nature of event, sponsor and admission cost. Incomplete items will not be printed. If available, include speaker's name and identification and the title of the event; also include your name and telephone number. Send items to Jill Weber, calendar editor, Box 1070, or by electronic mail to p72245KM at WUVMC.

Violin, piano recital to be held in Steinberg Hall

Juliet and Kathi Kurtzman and Avner Arad will present a violin and piano recital at 8 p.m. Tuesday, March 7, in Steinberg Hall auditorium.

Juliet, 18, is a violin student of Jascha Brodsky at Curtis Institute of Music in Philadelphia, which was founded in 1924 to train exceptionally gifted young musicians for performing careers on the highest professional level.

Juliet gave her first solo violin performance in 1982 at the age of 11 and since then has appeared with the Houston Symphony Orchestra, the Houston Civic Symphony, the Houston Metropolitan Orchestra, the Richardson Orchestra in Dallas, the Es-therwood Festival Orchestra in England and the Gateway Orchestra of St. Louis.

Kathi Kurtzman, a teacher of piano at Washington University, will accompany Juliet for part of the recital. Kathi has given solo and chamber recitals of works ranging from Bach to contemporary premiers, as well as performing on a replica of an 18th-century fortepiano.

Juliet also will be accompanied by pianist Avner Arad. A student at the Curtis Institute, Arad is a native of Haifa, Israel. He has made solo appearances in Germany, Belgium, France, Holland and Israel and in 1988 gave a debut recital in New York City as the winner of the Olga Koussevitzky Memorial Competition.

The recital, which is sponsored by the Department of Music, is free and open to the public. For more information, call 889-5581.

Science — continued from p. 1

in scientific research. Some faculty will be allowed to reduce their teaching loads to revitalize their research or curriculum. And one component, The Pew Teacher-Scholar Fellowship Program, is expected to be a model program where fellows engage in post-doctoral research at either Washington University or the University of Chicago for one year. The next year they serve a teaching internship at a consortium college while pursuing their research interests with a faculty member.

The Pew Charitable Trusts consist of seven individual charitable funds established between 1948 and 1979 by the sons and daughters of Joseph N. Pew, founder of the Sun Oil Co. The trusts support nonprofit organizations dedicated to improving the quality of life for people and communities and to encouraging personal growth and self-sufficiency.

Smoking cessation program begins

The Washington University Smoking Clinic will offer a spring smoking cessation program beginning Wednesday, March 8. The weekly sessions will continue for eight Wednesdays. Orientation will begin at 5:30 p.m. Wednesday, March 8, in Eads Hall, Room 115.

The course costs \$50; all but \$10 of the fee is refundable at the end of the program.

The smoking cessation program is sponsored by the American Lung Association and the Missouri Department of Health, and is supported by a grant from the National Cancer Institute.

For more information, call 889-6527.